

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 2 of 2 returned.**☐ 1. Document ID: US 6153368 A

L31: Entry 1 of 2

File: USPT

Nov 28, 2000

US-PAT-NO: 6153368

DOCUMENT-IDENTIFIER: US 6153368 A

TITLE: Backside protective overcoat compositions for silver halide photographic elements

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 2. Document ID: US 4520088 A

L31: Entry 2 of 2

File: USPT

May 28, 1985

US-PAT-NO: 4520088

DOCUMENT-IDENTIFIER: US 4520088 A

TITLE: Method for making printing plates

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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('6153368' '4520088')[PN]

Documents

2

Display Format: [TI](#)[Change Format](#)[Previous Page](#)[Next Page](#)

Set Name Query

side by side

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result set

DB=USPT; PLUR=YES; OP=ADJ

<u>L32</u>	l30 and l31	2	<u>L32</u>
<u>L31</u>	('6153368' '4520088')[PN]	2	<u>L31</u>
<u>L30</u>	l28 and L29	32	<u>L30</u>
<u>L29</u>	soluble near9 l21	557	<u>L29</u>
<u>L28</u>	l23 and L27	71	<u>L28</u>
<u>L27</u>	soluble same l21	1626	<u>L27</u>
<u>L26</u>	l22 and l25	4	<u>L26</u>
<u>L25</u>	('5250382' '4251576' '6265037' '4221697')[PN]	4	<u>L25</u>
<u>L24</u>	l22 and L23	4	<u>L24</u>
<u>L23</u>	l11 and l13 and l16 and l18	8239	<u>L23</u>
<u>L22</u>	matrix same l21	100	<u>L22</u>
<u>L21</u>	l8 or L20	21077	<u>L21</u>
<u>L20</u>	acid value	8897	<u>L20</u>
<u>L19</u>	l17 and L18	474	<u>L19</u>
<u>L18</u>	rubber or rubbery or elastomer or elastomeric	398912	<u>L18</u>
<u>L17</u>	l15 and L16	953	<u>L17</u>
<u>L16</u>	acrylic acid or methacrylic acid	80083	<u>L16</u>
<u>L15</u>	l12 and l13	1307	<u>L15</u>
<u>L14</u>	l12 and l13L13	0	<u>L14</u>
<u>L13</u>	styrene	121101	<u>L13</u>
<u>L12</u>	l8 and L11	2057	<u>L12</u>
<u>L11</u>	graft or grafted or graft or grafting	52938	<u>L11</u>
<u>L10</u>	l7 same l8	2	<u>L10</u>
<u>L9</u>	l7 same l8L8	0	<u>L9</u>
<u>L8</u>	acid number	13414	<u>L8</u>
<u>L7</u>	acetone solubles	520	<u>L7</u>
<u>L6</u>	acetone soluble	520	<u>L6</u>

DB=PGPB; PLUR=YES; OP=ADJ

<u>L5</u>	('20020042476')[PN]	1	<u>L5</u>
<u>L4</u>	kido.in. and shibata.in.	1	<u>L4</u>
<u>L3</u>	2002042476	0	<u>L3</u>

DB=USPT; PLUR=YES; OP=ADJ

<u>L2</u>	2002042476	0	<u>L2</u>
<u>L1</u>	kido.in. and shibata.in.	0	<u>L1</u>

END OF SEARCH HISTORY

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Terms	Documents
styrene and l42	3

Database:

- US Patents Full-Text Database
- US Pre-Grant Publication Full-Text Database
- JPO Abstracts Database
- EPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Search:

L43

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History**

DATE: Tuesday, August 27, 2002 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=USPT; PLUR=YES; OP=ADJ

<u>L43</u>	styrene and l42	3	<u>L43</u>
<u>L42</u>	('5457157' '5346945' '5601889')[PN]	3	<u>L42</u>
<u>L41</u>	l37 and l40	3	<u>L41</u>
<u>L40</u>	('5457157' '5346945' '5601889')[PN]	3	<u>L40</u>
<u>L39</u>	l21 and l38	3	<u>L39</u>
<u>L38</u>	('5457157' '5346945' '5601889')[PN]	3	<u>L38</u>
<u>L37</u>	l21 and L36	8	<u>L37</u>
<u>L36</u>	l33 and l34	160	<u>L36</u>
<u>L35</u>	l33 and l34L34	0	<u>L35</u>
<u>L34</u>	impact	231729	<u>L34</u>
<u>L33</u>	l23 and l16.ab.	247	<u>L33</u>
<u>L32</u>	l30 and l31	2	<u>L32</u>

<u>L31</u>	('6153368' '4520088')[PN]	2	<u>L31</u>
<u>L30</u>	l28 and L29	32	<u>L30</u>
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<u>L24</u>	l22 and L23	4	<u>L24</u>
<u>L23</u>	l11 and l13 and l16 and l18	8239	<u>L23</u>
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<u>L19</u>	l17 and L18	474	<u>L19</u>
<u>L18</u>	rubber or rubbery or elastomer or elastomeric	398912	<u>L18</u>
<u>L17</u>	l15 and L16	953	<u>L17</u>
<u>L16</u>	acrylic acid or methacrylic acid	80083	<u>L16</u>
<u>L15</u>	l12 and l13	1307	<u>L15</u>
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<u>L12</u>	l8 and L11	2057	<u>L12</u>
<u>L11</u>	graft or grafted or graft or grafting	52938	<u>L11</u>
<u>L10</u>	l7 same l8	2	<u>L10</u>
<u>L9</u>	l7 same l8L8	0	<u>L9</u>
<u>L8</u>	acid number	13414	<u>L8</u>
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DB=PGPB; PLUR=YES; OP=ADJ

<u>L5</u>	('20020042476')[PN]	1	<u>L5</u>
<u>L4</u>	kido.in. and shibata.in.	1	<u>L4</u>
<u>L3</u>	2002042476	0	<u>L3</u>

DB=USPT; PLUR=YES; OP=ADJ

<u>L2</u>	2002042476	0	<u>L2</u>
<u>L1</u>	kido.in. and shibata.in.	0	<u>L1</u>

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 5601889 A
L39: Entry 1 of 3

File: USPT

Feb 11, 1997

DOCUMENT-IDENTIFIER: US 5601889 A
TITLE: Radio frequency weldable polymer articles

US PATENT NO. (1):
5601889

Detailed Description Text (43):

In order to promote the grafting of the carboxylic acid reagent to the hydrogenated block copolymer, free radical initiators are utilized, and these initiators usually are either peroxides of various organic compounds. The amount of initiator utilized generally from about 0.01% to about 5% by weight based on the combined weight of the combined copolymer and the carboxylic acid reagent. The amount of carboxylic acid reagent grafted onto the block copolymers can be measured by determining the total acid number of the product. The grafting reaction can be carried out by melt or solution mixing of the block copolymer and the carboxylic acid reagent in the presence of the free radical initiator.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 2. Document ID: US 5457157 A
L39: Entry 2 of 3

File: USPT

Oct 10, 1995

DOCUMENT-IDENTIFIER: US 5457157 A
TITLE: Transparent, impact-resistant molding materials

US PATENT NO. (1):
5457157

Brief Summary Text (65):

Partially imidated polymers which have a weight average molecular weight (M.sub.w) of from 60,000 to 300,000, preferably from 100,000 to 200,000, g/mol, measured in dimethylformamide by light scattering, have proven particularly advantageous. Particularly preferred components C) are those having an acid number of not more than 0.4, in particular from 0.01 to 0.2, meq/g,

Detailed Description Text (7):

C.sub.1 : Copolymer of 87 parts by weight of I (R.sup.1 .dbd.R.sup.2 .dbd.CH.sub.3) and 13 parts by weight of MMA; viscosity number =70 (measured in dimethylformamide (DMF) as a 0.26% strength by weight solution), acid number =0.03 meq/g (n.sup.25.sub.D =1.540)

Detailed Description Text (8):

8/27/02 4:53 PM

C.sub.2 : Copolymer of 74 parts by weight of I (R.sup.1 .dbd.R.sup.2 .dbd.CH.sub.3) and 26 parts by weight MMA; viscosity number =82 (measured in DMF as a 0.26% strength by weight solution), acid number =0.02 meq/g (n.sup.25.sub.D =1.530)

CLAIMS:

3. A transparent, impact-resistant molding material as claimed in claim 1, wherein component C) has an acid number of not more than 0.4 meq/g.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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EMC	Draw Desc	Image
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☐ 3. Document ID: US 5346945 A
L39: Entry 3 of 3

File: USPT

Sep 13, 1994

DOCUMENT-IDENTIFIER: US 5346945 A
TITLE: Glass fiber-reinforced styrene copolymers

US PATENT NO. (1):
5346945

Detailed Description Text (16):
with the proviso that the acid number S of the copolymer D is at least 0.5 meq/g.

Detailed Description Text (37):
According to the invention, the copolymers D which are suitable have a relatively high acid number S, namely at least 0.5 meq/g, preferably at least 0.6 meq/g.

Detailed Description Text (38):
This acid number is determined in a manner known per se by determining the lye-titratable acid equivalents in a solution of the polymer.

Detailed Description Text (40):
The acid number is then calculated as the content of acid in equivalents per kilogram of imidizable polymer.

Detailed Description Text (63):
Acid number=0.94 meq/g

Detailed Description Text (67):
Acid number =0.67 meq/g

Detailed Description Text (71):
Acid number =0.1 meq/g

Detailed Description Text (75):
Acid number=0.02 meq/g

CLAIMS:

1. A thermoplastic molding material comprising, based on the sum of A, B, C and D,

A: 30 to 95% by weight of a copolymer A comprising, in each case, based on A

a.sub.1 : 50 to 95% by weight of styrene, .alpha.-methylstyrene, a nuclear-substituted styrene derivative or mixtures of these monomers (a.sub.1) and

a.sub.2 : 5 to 50% by weight of acrylonitrile (a.sub.2)

B: up to 60% by weight of a graft copolymer B

8/27/02 4:53 PM

b.sub.1 : prepared either by emulsion polymerization of, based on B, 15 to 85% by weight of a monomer mixture based either on

b.sub.11 : styrene-acrylonitrile in the ratio 9:1 to 4:6, or

b.sub.12 : styrene-acrylonitrile-methyl methacrylate in the ratio 19:1:0 to 8:6:6 on 15 to 85% by weight of a latex, obtained as an emulsion, of an elastomer based on butadiene or acrylic ester as grafting base; or by

b.sub.2 : solution polymerization of, based on B, 15 to 85% by weight of a monomer mixture based on

b.sub.21 : styrene-acrylonitrile in the ratio 9:1 to 4:6 or

b.sub.22 : styrene-acrylonitrile-methyl methacrylate in the ratio 19:1:1 to 8:6:6 on 15 to 85% by weight of an elastomer, prepared in solution, based on butadiene or an acrylic ester or an EPDM elastomer as grafting base;

C: 1 to 40% by weight of a reinforcing agent C based on an inorganic glass, and also

D: 0.1 to 10% by weight of a copolymer D of, based on B,

d.sub.1 : 10 to 90% by weight of units of the formula I ##STR4## in which R.sup.1 and R.sup.2 are hydrogen or methyl and R.sup.3 is hydrogen, C.sub.1 -C.sub.8 alkyl, C.sub.5 -C.sub.12 2-cycloalkyl or C.sub.6 -C.sub.16 aryl or C.sub.6 -C.sub.16 aralkyl, and

d.sub.2 : 10 to 90% by weight of units derived from a copolymerizable monomer selected from styrene, .alpha.-methylstyrene, (meth) acrylonitrile or (meth)acrylic acid esters,

with the proviso that the acid number S of the copolymer D is at least 0.5 meq/g..

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Terms

Documents

121 and 138

3

Display Format:

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Previous Page

Next Page